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SCS COCK IP

19. (currently amended) The antenna of claim 187, wherein the motor control circuit is configured to rotate the RF reflector, monitor at least one signal strength and rotate the RF reflector to a first position where the at least one signal strength is maximized.

20. (original) The antenna of claim 21, wherein a signal identifier may be input into the motor control circuit; the motor control circuit operable to rotate the RF reflector to a second position at which a signal corresponding to the signal identifier is maximized.

21. (currently amended) A rotatable antenna, comprising:
an antenna element having a vertical axis;
a RF reflector rotatable about the vertical axis of the antenna element, the RF reflector mounted on a gear coupled to a motor; and
a radome that surrounds the antenna and the RF reflector, the RF reflector rotatably coupled to the radome at a top position proximate the vertical axis of the antenna element.

22. (canceled)

23. (canceled)

24. (currently amended) A rotatable antenna, comprising:
an antenna element having a vertical axis;
a RF reflector rotatable about the vertical axis of the antenna element, the RF reflector mounted on a gear coupled to a motor;
the antenna element is a first trace on a printed circuit board;
the first trace has a first plurality ground traces alternating with a first plurality of microstrip transmission lines; and